



04/20/2004 13:55 FAX 850 833 2001

GCW&F #3

003

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: MailMail Stop ISSU
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CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590

01/23/2004

TIMOTHY W LOHSE
PATENT DEPARTMENT
GRAY CARY WARE & FREIDENRICH
400 HAMILTON AVENUE
PALO ALTO, CA 943011825

Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompany papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

| | |
|----------------------|--------------------|
| Cathy Pittman | (Depositor's name) |
| <i>Cathy Pittman</i> | (Signature) |
| April 20, 2004 | (Date) |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/376,867 | 08/18/1999 | ELIEZER PASTERNAK | B0259-1100 | 7051 |

TITLE OF INVENTION: DIRECT DIGITALLY TUNABLE MICROWAVE OSCILLATORS AND FILTERS

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | YES | \$665 | \$0 | \$665 | 04/23/2004 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|--------------|----------|----------------|
| HA, NGUYEN T | 2831 | 361-303000 |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

GRAY CARY WARE &
FREIDENRICH LLP

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

BRIDGEWAVE COMMUNICATIONS, INC.

SANTA CLARA, CALIFORNIA

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
☐ Publication Fee
☒ Advance Order - # of Copies 10

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized to charge the required fee(s), or credit any overpayment Deposit Account Number 07-1896 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

Gray Cary Ware & Freidenrich LLP

(Authorized Signature)

(Date)

By:

April 20, 2004

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

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04/21/2004 ANONDAF2 00000048 071896 09376867

01 FC:2501
02 FC:8001665.00 DA
30.00 DA



04/20/2004 13:55 FAX 850 833 2001

GCW&F #3

004

PTO/SB/17 (10-03)

Approved for use through 07/31/2008. OMB 0851-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL

for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) 715.00

Complete if Known

| | |
|----------------------|-------------------|
| Application Number | 09/376,867 |
| Filing Date | August 18, 1999 |
| First Named Inventor | Eliezer Pasternak |
| Examiner Name | Nguyen T. Ha |
| Art Unit | 2831 |
| Attorney Docket No. | 2100259-991100 |

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

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07-1896

Gray Cary Ware & Freidenrich LLP

The Director is authorized to: (check all that apply)

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FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|-------------------|----------|----------|----------|------------------------|----------|
| 1001 | 770 | 2001 | 385 | Utility filing fee | |
| 1002 | 340 | 2002 | 170 | Design filing fee | |
| 1003 | 530 | 2003 | 265 | Plant filing fee | |
| 1004 | 770 | 2004 | 385 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |
| SUBTOTAL (1) (\$) | | | | | 0.00 |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Independent Claims | -20** = | X | = |
| Multiple Dependent | -3** = | X | = |

| Large Entity | | Small Entity | | Fee Description |
|--------------|----------|--------------|----------|--|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 |
| 1203 | 280 | 2203 | 145 | Multiple dependent claim, if not paid |
| 1204 | 86 | 2204 | 43 | ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent |

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|---|----------|----------|----------|--|----------|
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 420 | 2252 | 210 | Extension for reply within second month | |
| 1253 | 950 | 2253 | 475 | Extension for reply within third month | |
| 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month | |
| 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | |
| 1401 | 330 | 2401 | 165 | Notice of Appeal | |
| 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | |
| 1403 | 280 | 2403 | 145 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,330 | 2453 | 665 | Petition to revive - unintentional | 665 |
| 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) | |
| 1502 | 480 | 2502 | 240 | Design issue fee | |
| 1503 | 640 | 2503 | 320 | Plant issue fee | |
| 1480 | 130 | 1480 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 1808 | 180 | 1808 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 770 | | | | |
| | | 2809 | 385 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | 30 |
| Other fee (specify) Advance patent copy fee | | | | | |
| *Reduced by Basic Filing Fee Paid | | | | | |
| SUBTOTAL (3) (\$) | | | | | 715.00 |

SUBMITTED BY

Name (Print/Type)

Timothy W. Lohse

Signature

Timothy W. Lohse

Registration No.
(Attorney/Agent)

35,255

(Complete if applicable)

Telephone 650-833-2055

Date

April 20, 2004

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O] 650-833-2055
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FAX TRANSMISSION COVER SHEET**April 20, 2004**To:Telephone:Fax Number:

**U.S. Patent and Trademark Office
Mail Stop Issue Fee**

1- 703-746-4000

**From: Timothy W. Lohse
650-833-2055**

Attorney Docket Number: 2100259-991100

**Re: U.S. Patent Application:
Serial No.: 09/376,867
Title: DIRECT DIGITALLY TUNABLE MICROWAVE OSCILLATORS AND FILTERS**

Filing Date: August 18, 1999

Pages: - 5 - (including this form) Originals: ☐ will be mailed ☒ will not be mailed

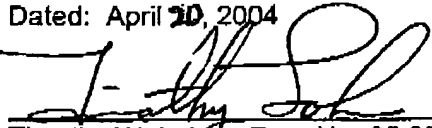
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Fax Operator/Ext.**

Message:In re:

**Application S/N : 09/376,867
Filed: August 18, 1999
Examiner: Nguyen T. Ha
Art Unit: 2831**

1. Transmittal Form (1 pg);
2. Part B - Issue Fee Transmittal (1 pg);
3. Fee Transmittal FY 2004 (1 pg); and
3. Certificate of Facsimile Transmission;

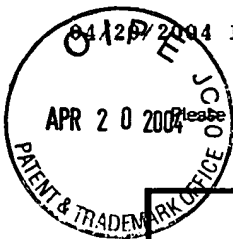
Dated: April 20, 2004


Timothy W. Lohse, Reg. No. 35,255

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GCW&F #3

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APR 20 2004

Please type a plus sign (+) inside this box

+

PTO/SB/21 (08-00)

| | | | |
|---|----------------------|------------------------|----------------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 09/376,867 | |
| | Filing Date | August 18, 1999 | |
| | First Named Inventor | Eliezer Pasternak | |
| | Group Art Unit | 2831 | |
| | Examiner Name | Nguyen T. Ha | |
| Total Number of Pages in This Submission | 3 | Attorney Docket Number | 2100259-991100 |

ENCLOSURES (check all that apply)

| | | |
|---|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s): Part B - Issue fee Transmittal (1 pg); Cert of Facsimile Transmission (1 pg); |
| Remarks | | |

| | |
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| <input checked="" type="checkbox"/> Customer Number or Bar Code Label | 26379 |
|---|-------|

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-1896. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

GRAY CARY WARE & FRIEDENRICH LLP

Dated: April 20, 2004

By:

Timothy W. Lohse
Reg. No. 35,255
Attorneys for Applicant(s)
2000 University Avenue
East Palo Alto, CA 94303
Telephone No. 650-833-2055

CERTIFICATE OF MAILING

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|-----------------------|---------------|------|----------------|
| Typed or printed name | Cathy Pittman | Date | April 20, 2004 |
| Signature | | | |

Gray Cary\EM\7164281.1



Docket No. 2100259-991100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eliezer Pasternack

Serial No. 09/376,867

Group Art Unit: 2831

Filed: August 18, 1999

Examiner: Nguyen T. Ha

Title: DIRECT DIGITALLY TUNABLE MICROWAVE OSCILLATORS
AND FILTERS

Certificate of Facsimile Transmission under 37 CFR 1.8

I hereby certify that the following correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Mail Stop Issue Fee, at (703) 746-4000 on April 20, 2004:


Cathy Pittman

1. Transmittal Form (1 pg);
2. Part B - Issue Fee Transmittal (1 pg);
3. Fee Transmittal FY 2004 (1 pg);
4. Certificate of Facsimile Transmission (1 pg);

006

**TRADEMARK/PATENT DEPT. DEPOSIT ACCOUNT NON-CASH ENTRY**

Deposit Account No. 07-1896

Originating Office PA

Date: April 20, 2004

Client Name: Bridgewave Communications

Docket No.: 2100259-991100

Client/Matter No: 2100259-991100

Application/Registration/Patent No.: U.S. Patent Application No. 09/376,867

Timekeeper No.: 12074 **Name:** Timothy Lohse

Amount: 715.00

| | |
|-----------------------|---|
| Fee Code/Description: | Utility issue fee (small entity) - \$665.00 |
| | Advance patent copy fee 30.00 |

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